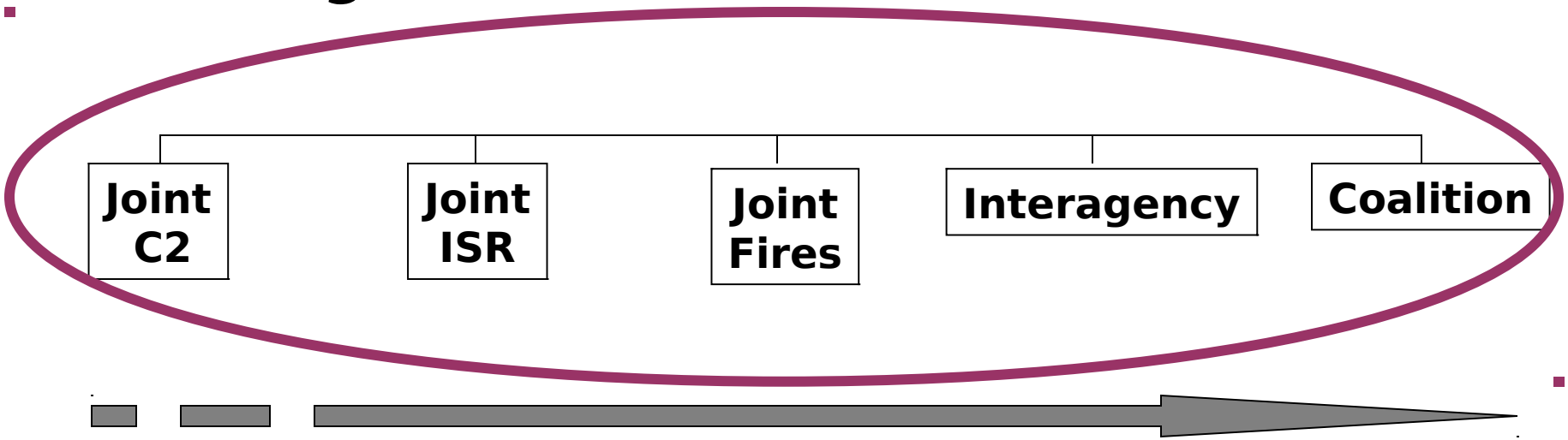
Joint Forces Command and Joint Battle Management Command and Control (JBMC2)

Joint Battle Management Command and Control Definition

- JBMC2 consists of the processes, architectures, systems, standards, and command and control operational concepts employed by the Joint Force Commander. The Joint Force Commander executes joint operations by employing the entire array of JBMC2 capabilities during the planning, coordinating, directing, controlling, and assessing of joint force operations from interface with the strategic level through the tactical level.

- JBMC2 aims at providing an integrated, interoperable, and networked joint force
  - that will insure common shared situational awareness
  - that will allow fused, precise and actionable intelligence
  - that will support coherent distributed and dispersed operations, including forced entry into anti-access or area-denial environments
  - that will ensure decision superiority enabling more agile, more lethal, and survivable joint operations

Joint BMC2 Context



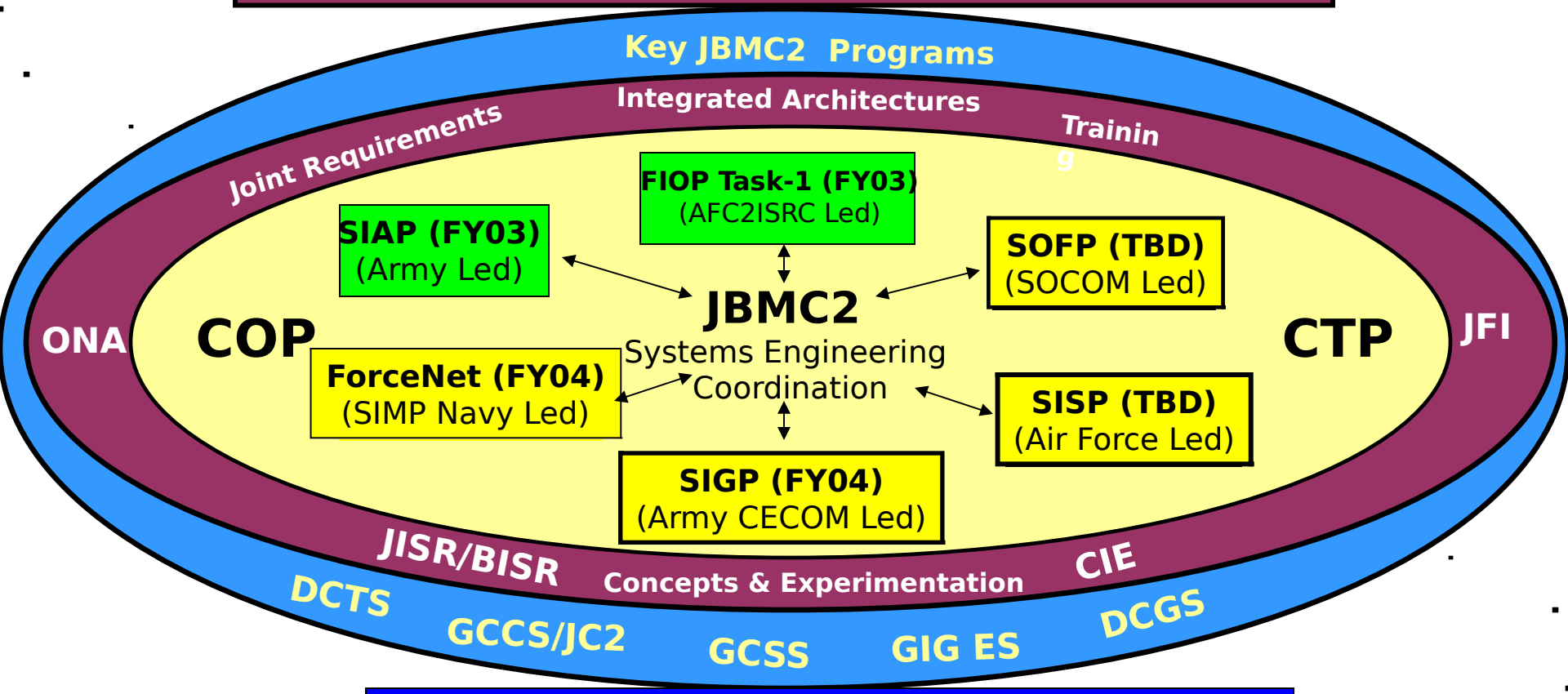
Joint Battle Management Command and Control spans the continuum of Joint C2, Joint Intelligence (ISR), Joint Fires, Interagency, and Coalition

Executed by USJFCOM through the authority of Management Initiative Decision (MID) 912 signed by Deputy Secretary of Defense on 7 January 2003:

- **"Strengthens the Department's fielding of Joint Battle Management Command and Control capabilities by improving the Department's ability to organize, train, and equip joint forces."**

JBMC2 Synchronization under MID 91

USJFCOM
In partnership with USD AT&L, JS, COCOMs, USD (I), ASD (NII)
Doctrine, Organization, Training, Materiel, Leadership, Personnel, Facilities (DOTMLPF)
Synchronization across all aspects of JBMC2



Joint Distributed Engineering Plant (JDEP)

SIAP - Single Integrated Air Picture
SIGP - Single Integrated Ground Picture
SIMP – Single Integrated Maritime Picture

SISP - Single Integrated Space Picture
SOFP – Special Operation Force Picture
COP – Common Operational Picture
CTP – Common Tactical Pictur

Candidate programs/Initiatives for expansion by MID 912

Programs/Initiatives recommended for inclusion as JBMC2 programs

Programs/Initiatives directed by MID 912

Programs/Initiatives currently being developed by USJFCOM

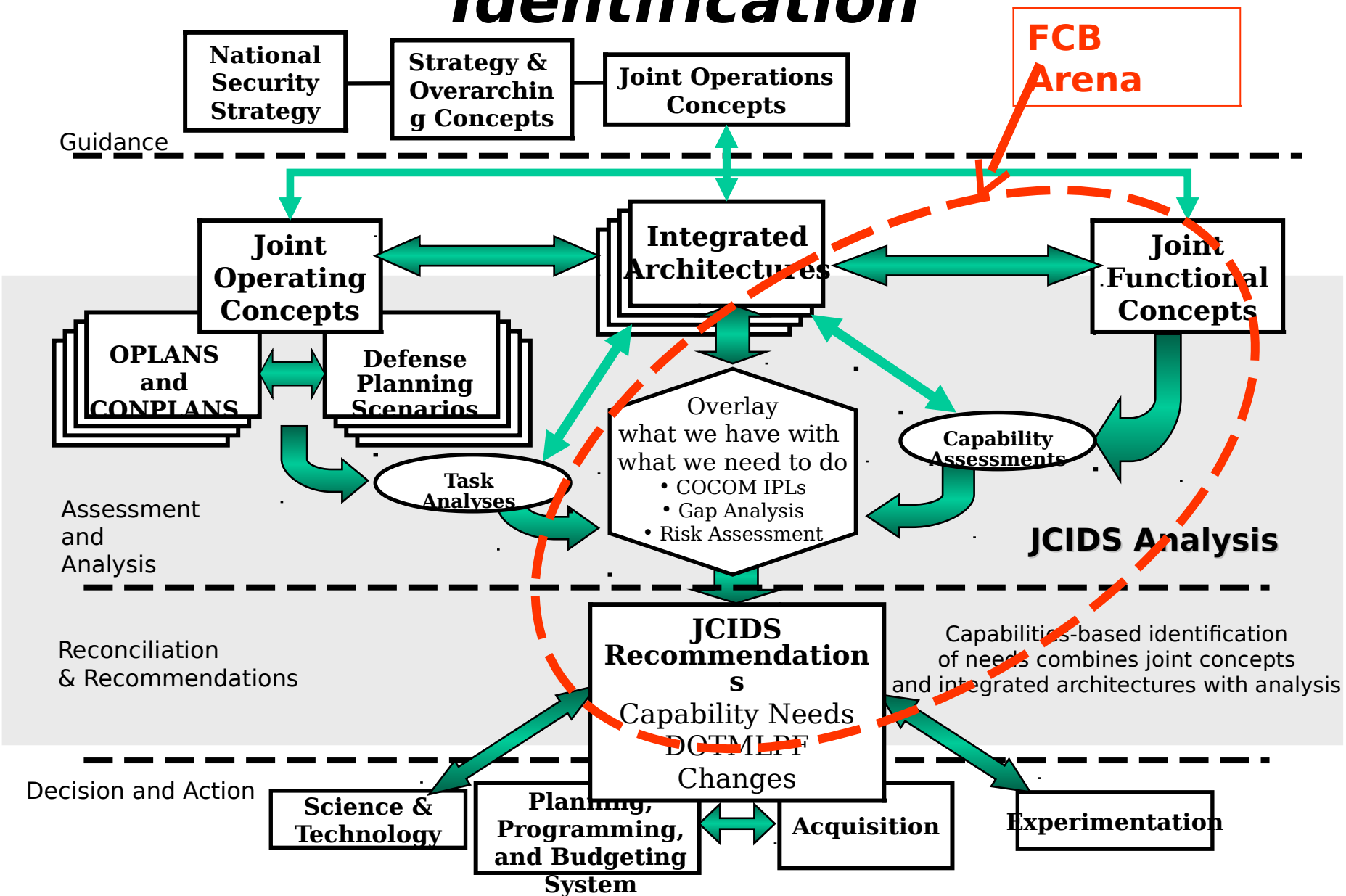
New Approach to Requirements

- **Joint Capability Integration Development System (JCIDS) CJCSI 3170s provides**:
  - Links strategic direction to strategic investment decisions and acquisition policy.
  - Enhanced methodology to describe gaps,determine the most effective approaches (or combination of approaches) to resolve gaps
  - A broader review of capability proposals, focused on the joint contribution not just the ACAT.
  - Better linkage to the acquisition process by engaging the provider early.
  - Prioritization of capability gaps - Guides S&T efforts.
  - Prioritization of capabilities proposals - Input to DPG.
  - Better definition of DOTLPF aspects of implementing materiel solutions.
  - Improved coordination with other gov’t departments and agencies

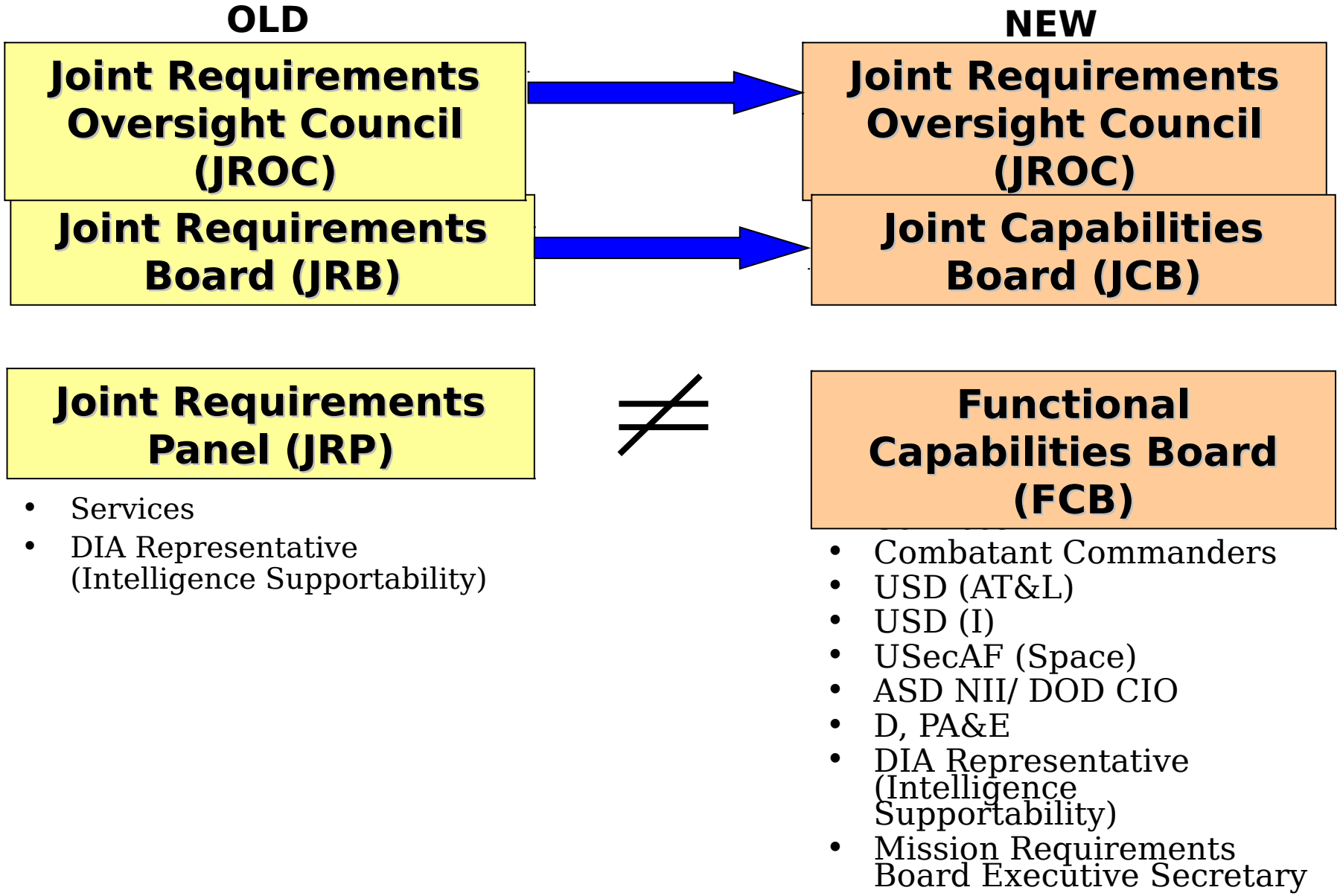
JCIDS - A Capabilities-Based Methodology

- **A process founded on joint concepts and integrated architectures.**
  - **Frame how the joint force operates today and into the future**
    - **Based on national strategy and overarching concepts.**
  - **Provide the construct to identify and prioritize gaps and redundancies during task analysis and capability assessments.**
- **JCIDS structure includes:**
  - JROC
  - Joint Capabilities Board (JCB)
  - Functional Capabilities Board (FCB) to execute process
- **There are currently five FCBs – one for each Joint Functional Capability Area: C2, BA, FL, Protection, Force Applications – May be new "Net Centric" FCB added . . .**

Future Capabilities Needs Identification



Oversight Body Comparison



C2 FCB
In conjunction with MID912 authority

MID 912

(A set of responsibilities and authorities)

SECDEF

Commander USJFCOM

Commander USJFCOM Approves JBMC2 BOD recommendations, approves submission to JCIDS

JBMC2 BOD

JCIDS

(A mechanism for delivering outcomes

JROC approves validated Joint BMC2 requirement supporting new capability

JROC

JCB (SERVICES /AGENCIES)

C2 FCB

GATEKEEPER

JBMC2 BOD and CJCSI 3170 FCB Comparison

BOD Responsibilities

- JBMC2 includes elements of all FCB's (I.e. more than C2 FCB)
- Oversight of JBMC2 Operational Requirements and Integrated Architectures
- Prioritizes JBMC2 Requirements for POM development and selected DOTMLPF CC issues
- Vet/facilitate implementation of Emerging Joint Experimentation Concepts leading to future JBMC2 Requirements
- Establishment of requirements/priorities for assigned initiatives within JBMC2
  - e.g. FIOP, SIAP, SIGP, SIMP,DJC2
- Inform CDRUSJFCOM and SECDEF
  - Influence DOD guidance documents
  - Directive input to JCIDS via FCB, JCB, and JROC

FCB Responsibilities

- Organization, analysis & prioritization of requirements within functional area
- Develop and maintain prioritized list of DOTMLPF requirements
- Ensure new capabilities are conceived and developed in joint warfighting context

Delta

- **Gap Analysis**
- **Develop and up date functional concepts**
- **Ensure integrated architecture are updated as required and reflect the BMC2 functional area**
- **Ensure JCIDS documents are consistent with integrated force, leverage abilities of the department, and consider needed DOTMLPF changes**
- **Validate ACAT II and below Joint**

Original USJFCOM Objective

- Establish a Command and Control Functional Capability Board at U.S. Joint Forces Command which operates in conjunction with the JBMC2 Board of Directors supporting Commander USJFCOM.
  - *Directed by the JROC*
  - *FCB is Entry Point to JROC Process*

- This Command and Control Functional Capability Board satisfies the requirements stipulated in CJCSI 3170.01C while allowing USJFCOM freedom to execute MID912 authorities and responsibilities.

USMC Positions on Recent JBMC2 BoD Issues

- **JBMC2 BOD Charter: Reserve comment. Revised charter promised during the 28 July BOD has been published and reviewed.**

- **DJC2 CONOPS: The USMC concurs with the CONOPS and the ORD as written for Milestone B purposes. USMC Milestone C concurrence is contingent upon the results of the Theater Communications Study to be conducted by the J6/OSD Decision Support Center and the substantive analysis of broadened program scope requirements to be conducted by DASN-C4I/Institute for Defense Analysis.**

- **DJC2 Communications Support Study: Concur with a study being conducted. The USMC agrees with CENTCOM and EUCOM that the lack of a robust, organic DJC2 communications capability leads one to doubt the credibility of the entire program and placing additional requirements on already stretched communications capabilities does not appear prudent.**

- **SJFHQ Fielding: Concur with a study being conducted to determine requirements for SJFHQ capabilities at NORTHCOM, TRANSCOM, STRATCOM and SOCOM; however, the USMC will not support increased Joint manning requirements to pay for this initiative.**

Joint Battle Management Command and Control (JBMC2)

Mini-Board of Directors

October 30, 2003

BOD Attendees (roll call order)

- **VTC Remote Sites:**

CENTCOM:	TBD/ J3
SOCOM:	Col Ed Brasher/SOOP-RR?
PACOM:	CDR Mark DeClue/J361?
EUCOM:	Col Harold Bullock?/ECJ-6?
SOUTHCOM:	LtCol Dave Garnish/DJ7?
STRATCOM:	??
TRANSCOM	CDR David McCrorie
NORTHCOM:	CDR Nancy Murray
USA:	TBD (Pentagon)
Joint Staff:	Col Swedberg (J6I) (Pentagon)
USMC: (HQMC/C4)	LtCol Wasek / Mr Hartway, (MCCDC/C2I); Mr Fluharty
DJC2 JPO	Mr. Steve Barton and Mr. Steve Grant (Florida)

- **Local (Norfolk):**

USA	Dave Padgette
USAF:	William Jackson
USN:	Max Crownover

Purpose – Prep for 5 Dec BoD Mtg

- **JBMC2 Mini-BOD Administration**
- **Attendees/Roll Call**
- **TOPICS Discussed**
  - DJC2 Strategy
    - Educate COCOMs on DJC2
    - Decompose functionality – Address gaps between ORD & Increment 1
    - Way Ahead – COCOM Prioritization & Timeline for Execution
  - DJC2 Comms Study Update
    - Staffing, assets & long-haul comm are the greatest challenges
    - EUCOM concerned that DJC2 doesn’t include GBS
    - DPG reqs for two simultaneous deployments?
  - DJC2 Transportation Study Update
    - IDA/CNA are working this “Quick Response” study
    - 72 Hours organic sustainment/prime movers
    - Focus on 60-seat Config based upon I MEF COC L-L in OIF
  - SJFHQ Fielding Study – Results late this month

JBMC2 BOD “Way Ahead”

- **Next BOD Planned for Dec 05, 2003**
  - **Focal Point is DJC2 discussion w/ COCOMS**

Back-Ups

JBMC2 BoD Charter- Background

- **Draft JBMC2 BOD charter provided to BOD before the 15 May 2003 BOD meeting**
  - **Request for comments issued**
  - **Official comments were submitted by SOCOM, USMC/MCCDC, USN/NETWARCOM, Joint Staff, USAF/EMC, and TRANSCOM.**
- **Comments addressed and results presented at the 26 June Mini-BOD meeting**
  - **June Mini-BOD addressed additional comments**
- **Current Charter (dtd 28 July) has been staffed for BOD review and is ready for BOD approval.**

DJC2 CONOPS

- **Provides the concept for the employment of DJC2**
- **The Primary Audience:**
  - **RCCs**
  - **Other organizations that will utilize DJC2 in support of Joint Task Force HQs operations (e.g. Service enabled JTFs)**
  - **The DJC2 Joint Program Office**
- **Provides the concept for: employment options, phases, and configurations**
- **Covers support concepts: communications, logistics, personnel, training, and security**
- **Establishes roles and responsibilities for the DJC2 development, implementation, and operations**

DJC2 Comm Study Issue

- Combatant Commanders concerned that insufficient communications assets exist to support JTF HQ operations enabled by DJC2
- Issue raised at 15 May JBMC2 Board of Directors meeting and 8 July DJC2 O-IPT meeting
- Joint Staff VJ6 and Navy requested that Joint C4ISR Decision Support Center (DSC) address issue
- C4ISR DSC agreed to conduct “quick turnaround” study

BOD ISSUE: SJFHQ Fielding Study

SOURCE: STRATCOM

ISSUE: BOD I-002; Present fielding plan for SJFHQ capability implementation provides support for only RCC's

DESCRIPTION: Requirement for SJFHQ capability might exist in other COCOMs and as such would not be covered by present resources.

OPTIONS:

1. **Status quo: Support only current plan.**
2. **BOD approve study with the COCOMs not included in the current fielding plan to determine whether a valid requirements exists.**

RECOMMENDATION: JBMC2 BOD support a study to determine requirements for SJFHQ capabilities for the FCC's.